Message from the Management

A look back at 2025 and outlook for the coming year

Dear Customers and Friends,

The Agrisoft Systems team would like to wish you all the best for 2026, and we hope that you have had a good start to the New Year. As usual in our first newsletter edition of the year, we take this opportunity to look back at the most important developments at Agrisoft Systems over the past year and to outline some of our ideas and plans for the year ahead.

One of the main overarching themes of our work in 2025 was to make it easier to integrate OMP with other software systems and to support a higher degree of automation in data flows. There are various types of data that are typically captured first in systems outside of OMP, such as crop data from weighbridge software or field activity data recorded by work teams using mobile devices for ERP systems. In these cases, manual re-entry of the same data into OMP is inefficient and increases the risk of inconsistencies and errors. To address this, we continued to expand and refine the back-end APIs of OMP, which can now be used to transfer daily production and harvesting data as well as fertilizer and pesticide application data into OMP in a standardized way. Given the wide range of third-party systems used by our customers, a fully "plug-and-play" integration is rarely feasible, and some level of customization is usually required. However, the new APIs

and the improvements introduced with OMP Plantation version 10.5 significantly reduce the effort required to implement reliable and robust integrations.

A particularly important milestone in OMP Plantation 10.5 is the introduction of fully automatic synchronization between daily and monthly production data directly at the database level. OMP has long supported production data entry at both daily and monthly time levels to accommodate different operational workflows. While it was already possible to recalculate monthly and yearly totals from daily data, this process previously had to be triggered manually by the OMP operator. With version 10.5, this synchronization is now handled automatically in the back-end. This not only eliminates the risk of mismatches between daily and monthly data, but also removes a recurring manual task for users. The change is especially valuable in the context of automated data transfers from ERP or weighbridge systems, as any new daily data pushed into OMP will now immediately and reliably update all dependent monthly and yearly figures.

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Beyond these core integration and automation improvements, OMP Plantation 10.5 introduced a range of functional enhancements across agronomy, reporting, and field operations. Language support was extended with the addition of French and Portuguese, improving accessibility for a wider user base. A completely redesigned Nutrient Balance report was introduced, with a stronger focus on evaluating whether fertilizer applications are sufficient to replenish nutrients removed through crop production. We also added a new yield projection value to the block agronomic summary, which projects the expected yield to the end of the year based on actual production to date, the BBC crop forecast, and historical monthly production patterns.

In the area of field operations, new analysis tools were added to track the progress of fertilizer and pesticide applications, including comparisons of area covered versus area scheduled on a monthly, year-to-date, and annual basis. Users can now explicitly enter the area actually treated for fertilizer and pesticide applications, providing greater flexibility and accuracy when applications are not completed exactly as planned. In addition, it is now possible to exclude High Conservation Value (HCV) areas when defining pesticide recommendation rates, in line with existing functionality for fertilizers. Various data analysis forms and reports were enhanced with additional grouping options, including grouping by plantation, and a new chart was added to analyze multi-year trends in harvesting performance, such as the number of harvesting rounds per month and harvester productivity. In OMP Field Survey, expressions can now reference the number of surveyed

points through a built-in function, enabling more flexible and informative calculations.

Alongside these improvements bundled in the OMP Plantation 10.5 upgrade, 2025 also saw continued work on several longer-term initiatives. We started the design and evaluation phase for a new OMP Mill program, which represents a major strategic expansion of the OMP portfolio beyond the plantation and into the milling process. Progress was also made on implementing a web service API for transferring definitions and results between the OMP Field Survey mobile app and the database, reducing reliance on file-based data exchange. In parallel, we completed a number of new OMP installations and implementations and continued to support our customers across a wide range of topics, from installation and system setup to troubleshooting, data analysis, and the development of bespoke reporting queries.

Looking ahead to 2026, the development of OMP Mill will be our main flagship project. The aim of this new program is to support systematic monitoring and improvement of oil extraction rates by providing detailed tools to analyze mill losses and the oil content of fresh fruit bunches. The module will allow users to compare oil output at the mill with incoming FFB volumes, to track losses at different stages of the milling process, and to establish the actual oil content of bunches through structured bunch analysis.

A key component of OMP Mill will be the ability to record and analyze the results of bunch grading at the mill ramp. By classifying bunches as

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ripe, underripe, or overripe, plantation and mill managers will be able to identify patterns that affect overall oil extraction performance. Where possible, these results can be linked to factors such as palm age, planting material, or seasonal effects. The overall objective is to better understand the individual components that drive variations in oil extraction rates. If OER declines, is the issue related to losses at the mill, changes in the intrinsic oil content of bunches, or harvesting practices that result in too many under- or overripe bunches being delivered? By monitoring each of these elements separately, OMP Mill aims to provide a much clearer basis for identifying root causes and implementing targeted corrective measures.

Alongside this major new development, we also plan to complete the Field Survey web service data transfer mechanism and to further improve production data handling by separating harvesting data recorded in the field from crop intake data recorded at the weighbridge. This will allow better reconciliation of the two data sources and provide valuable insights into crop remaining in the field as well as time delays between harvesting and fruit pickup. Other planned improvements include support for entering daily fertilizer and pesticide application data, extending the back-end APIs to cover field work and resource use data, and, as always, a range of smaller enhancements and new reports based on feedback and discussions with our customers.

At the start of this new year, we would like to express our sincere thanks to our clients and partners for their continued trust, collaboration, and valuable feedback. Your input plays a key role in shaping the ongoing development of OMP. We look forward to working closely with you again in 2026 and to continuing our shared efforts to improve plantation and mill performance through better data, analysis, and decision support.

Yours sincerely
Max Kerstan

From the developers desk

A selection of the on-going developments and plans which are part of our constant efforts to continue to improve Agrisoft products.

Oil Extraction Module

- New module focusing on oil yields, oil extraction rates and milling losses
- Standalone WPF application independent of Microsoft Access
- Overall OER monitoring by comparing oil output to FFB harvest
- Recording of mill loss rates at different stages of the milling process via direct measurement of losses
- Control charts and monitoring tools for mill losses
- Bunch analysis results for individual sample bunches for OER benchmark
- Bunch grading (e.g. ripe, underripe, overripe bunches) at mill ramp or in the field
- Correlation of different results with each other and where possible with other field/block parameters e.g. palm age, planting material, seasonality

General Improvements

- Additional user account control modes
- Daily recording of fertilizer and pesticide application
- Execute passthrough queries in OMP QW
- Function to load queries from other OMP QW data file
- Allow for month-to-month changes in OMP GIS base maps
- Improved data analysis for resource use rates
- Show definition of soil deficiency scores on block agronomic summary report
- New reports for leaf nutrients versus critical and optimal leaf nutrient levels
- Data analysis form for upcoming scheduled replanting areas

Production Data Recording

- Separate tables for harvesting data recorded in the field and for crop delivered to the mill
- Reconciliation of bunches harvested vs delivered
- Estimation of crop remaining uncollected in the field
- Recording of labour use related to harvesting and crop transport within general resource use module
- Integrate daily production and harvesting Excel import into main OMP Excel importing module
- Increased support for server-side recalculation and query computation